

APS NOTES:

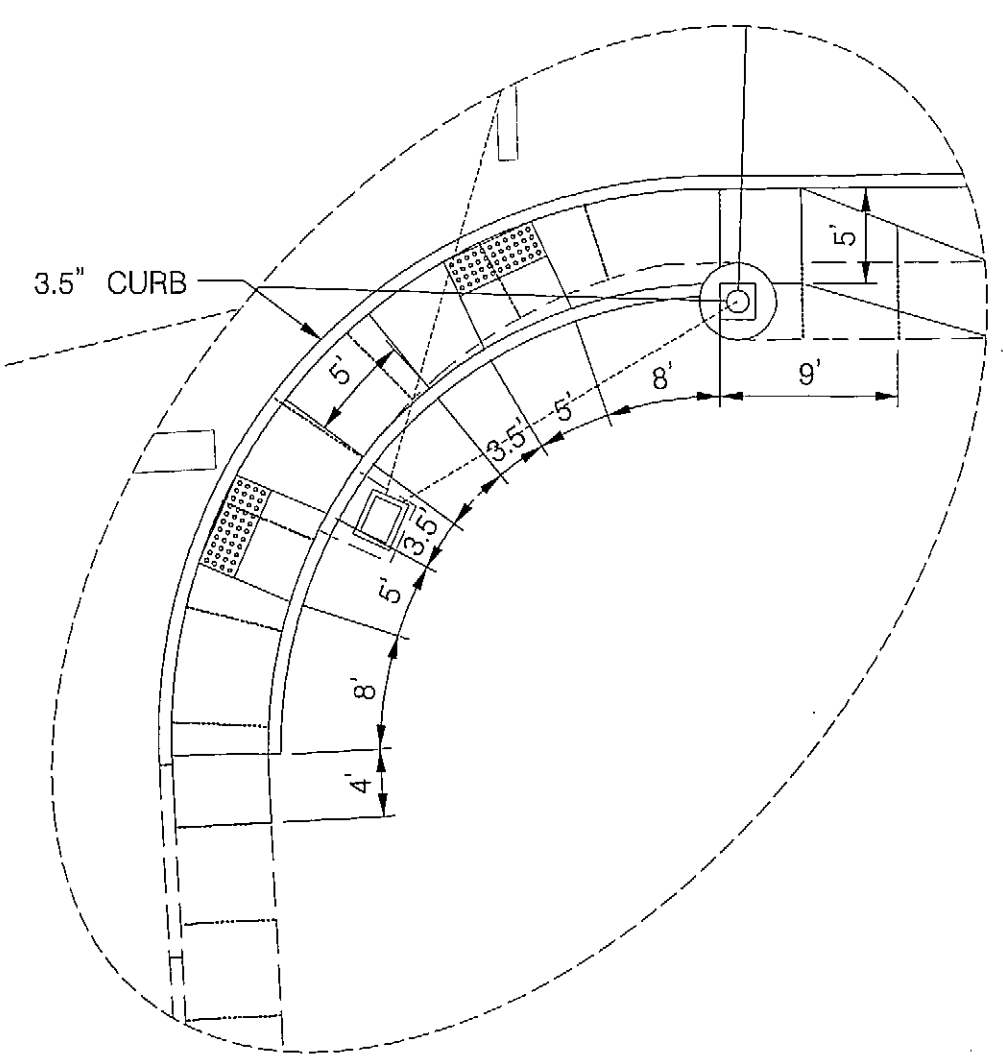
1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS MD 414 AT LEISURE DRIVE

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS ST. BARNABAS WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11) (NOTE: ONE 24" X 60" DETECTABLE WARNING SURFACE.)
- B. INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) (NOTE: ONE 24" X 60" DETECTABLE WARNING SURFACES.)
- C. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) (NOTE: ONE 24" X 60" DETECTABLE WARNING SURFACE.)
- D. INSTALL CUT-THROUGH WALKWAY (STANDARD NO. MD 655.21) (NOTE: TWO 24" X 60" DETECTABLE WARNING SURFACES.)
- E. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
- F. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- G. BEGIN 12:1 RAMP
- H. 48:1 LEVEL LANDING AREA.
- J. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- K. TIE NEW CURB TO EXISTING CURB AT JOINT.
- L. 8" ISLAND SLOPED TOWARDS SIDEWALK.



TOD NO: XY224-10
SHA NO: PG821A54/854
MD 414 @ Leisure Drive

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED

UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

LEGEND SYMBOL	
⊙	48" SIGNAL POLE FOUNDATION
⊙	36" SIGNAL POLE FOUNDATION
⊙	24" PED POLE FOUNDATION
⊙	18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
⊙	PED SIGN AND PUSHBUTTON
■	SIGNAL CABINET W/PAD
■	POWER PEDESTAL
■	HANDHOLE
---	CONDUIT RUN

GEOMETRIC LEGEND	
---	EXISTING SIDEWALK/CURB JOINT (APPROXIMATE)
---	NEW SIDEWALK AND ADA HANDICAP RAMP
---	NEW CONCRETE
---	SEED AND MULCH

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STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 414 (ST BARNABAS ROAD) AT LEISURE DRIVE MARLOW HEIGHTS, MD	
GEOMETRIC PLAN SHEET	
SCALE 1" = 10'	ADVERTISED DATE 02/2012 CONTRACT NO. XY2245185
DESIGNED BY CW	COUNTY PRINCE GEORGE'S
DRAWN BY CW	LOGMILE 16041403.74
CHECKED BY RM	TMS NO. L267
F.A.P. NO.	TOD NO.
TS NO. 3755-B	DRAWING SG-2 OF 2
SHEET NO. 2 OF 3	

BY: chuck